(Catherine) Stephenson
Nov 1st 1892.

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GIVEN BY
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GILL'S

OXFORD AND CAMBRIDGE ATLAS

FOR COLLEGES AND SCHOOLS.

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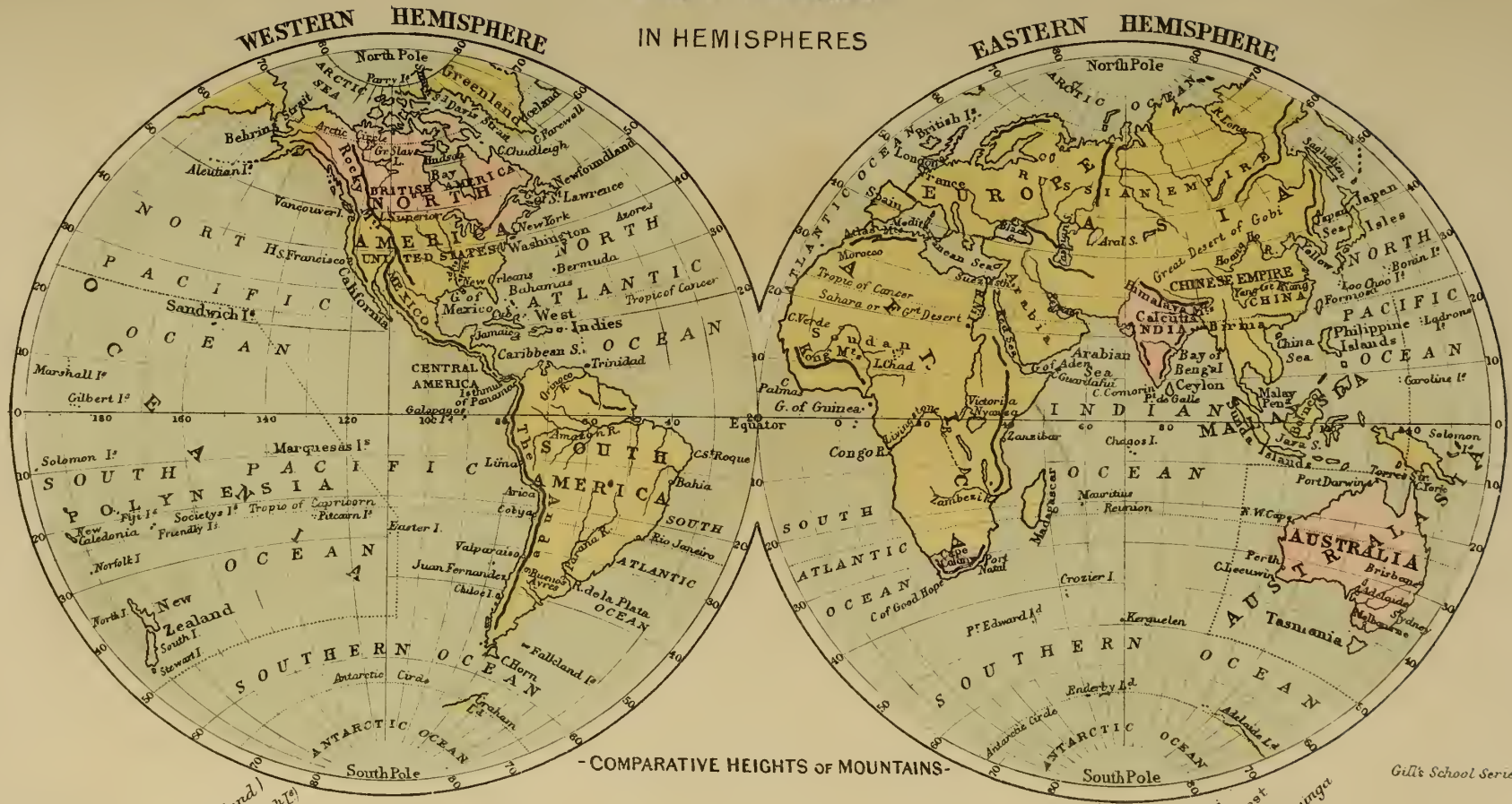
London.

GEORGE GILL & SONS, 23, WARWICK LANE, E.C.

THE WORLD - MERCATOR'S PROJECTION

THE WORLD.

IN HEMISPHERES



- COMPARATIVE HEIGHTS OF MOUNTAINS -

Gill's School Series.

EUROPE.
English Miles
0 100 200 300 400 500
ARCTIC OCEAN
ATLANTIC OCEAN
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
ARAL SEA
BALTIC SEA
NORTH SEA
BRITISH ISLANDS
SCANDINAVIA
Lapland
Finland
RUSSIA
Poland
PRUSSIA
AUSTRIA
Hungary
Bohemia
Roumania
Servia
Bulgaria
TURKEY
FRANCE
SPAIN
PORTUGAL
Corsica
Sardinia
ITALY
ALGERIA
MOROCCO
AFRICA
ASIA MINOR
TURKEY IN ASIA
PERSIA
Cyprus
Crete
Longitude West
Longitude East

BRITISH ISLES
ATLANTIC OCEAN
NORTH SEA
IRISH SEA
ENGLISH CHANNEL
Cod
Herring
Mainland
Shetland Is
Lerwick
Fair I.
Pomona
Orkney Is
Kirkwall
Hoy
Pentland Firth
Duncansby Hd
C. Wrath
Butt of Lewis
Wick
Dornoch F.
Moray Firth
Portsoy
Fraserburg
Peterhead
Inverness
Aberdeen
Montrose
Perth
Dundee
Firth of Tay
Bell Rk.
Oban
Stirling
Firth of Forth
Oysters
Glasgow
EDINBURGH
Berwick
R. Tweed
Ayr
Isle of Man
Malin Hd
Foyle
Londonderry
Lough Foyle
North Channel
Donegal
Rossan Pt.
Donegal B.
L. Neagh
Belfast
Erris Hd
Sligo B.
Sligo
L. Erne
Achill I.
Dundalk B.
Mackerel
Morecambe B.
Carlisle
Durham
Hartlepool
Newcastle
Tynemouth
Doggerbank
Cod & Herring
Scarborough
Flamborough Hd
York
Hull
Spurn Hd
R. Humber
Grimsby
Lincoln
Leeds
Manchester
R. Ribble
Liverpool
Anglesey
Holyhead
Menai Str.
Bangor
Snowdon
Chester
Sheffield
Derby
Nottingham
Boston
The Wash
Burnham Flats
Lynn
Yarmouth
Lowestoft
Herring
Yarmouth Sands
Birmingham
R. Severn
R. Avon
R. Ouse
Colchester
Harwich
Gloucester
R. Wye
Swansea
Oysters
Bristol
BRISTOL CHANNEL
LONDON
R. Thames
Oysters
Foreland
Whitstable
Goodwin Sands
R. Medway
Dover
Deal
Barnstaple
Southampton
Hastings
Exeter
Beachy Hd
Portsmouth
I. of Wight
Weymouth
Brixham
Trevose Hd
Lands End
Eddystone
Plymouth
Falmouth
Oysters
Penzance
Scilly Is
Herring
Mackerel
CHANNEL ISLANDS
Jersey
FRANCE
Dublin
DUBLIN
Dublin B.
Howth Hd
Arklow Bk
Oysters
R. Liffey
R. Boyne
R. Barrow
R. Suir
R. Nore
R. Slaney
Wexford
Waterford
Wicklow
L. Ree
L. Derg
L. Corrib
Galway
Galway Bay
Limerick
R. Shannon
Foynes
Tralee
Dingle B.
Valentia
Cork
Cork Harb.
Queenstown
Kinsale
Bantry
Mizen Hd
Fastnet Rk.
C. Clear
Cardigan B.
New Milford
Oysters
St. George's Channel
Herring
Mackerel
Hebrides or Western Is.
N. Uist
S. Uist
Little Minch
The Minch
Lewis
Long Forties
Herring
100 Fathom Line
English Miles
0
50
100

ENGLAND
AND
WALES.
English Miles
0 10 20 30 40 50 60
SCOTLAND
IRELAND
North Channel
IRISH SEA
St Georges Channel
ENGLISH CHANNEL
Bristol Channel
Glasgow
Edinburgh
Berwick
Holy I.
Tweed
Carlisle
Solway Firth
Whitehaven
St Bees Hd
Peel
I. of Man
Ramsey
Douglas
Castletown
Ulverston
Walney I.
Morecambe B.
Fleetwood
Lancaster
Preston
Blackburn
Halifax
Bradford
Leeds
Wharfe
York
Ouse
Derwent
Beverley
Hull
Spurn Hd
Humber
Flamborough Hd
Bridlington
Scarborough
Whitby
Ripon
Milton
Nidd
Swale
N. Allerton
Pickmonden
Darlington
Stockton
Hartlepool
Durham
Tees
Wear
Sunderland
S. Shields
Tynemouth
N. Shields
Newcastle
Tyne
Morpeth
Alnwick
Tweed
Kelso
Holyhead
Beaumaris
Caernarvon
Menai Str.
Bangor
Snowdon
Denbigh
Flint
Chester
Wrexham
Oswestry
Shrewsbury
Bala
Dee
Mersey
Birkenhead
Liverpool
Warrington
Stockport
Manchester
Ashton
Bolton
Wigan
Ribble
Lancaster
Kendal
Windermere
Appleby
Penrith
Carlisle
Marsport
Solway Firth
Whitehaven
Workington
Cockermouth
Keswick
Ullswater
Derwent
Penrith
Stanhope
Hexham
Haltwhistle
Carlisle
Tyne
Wear
Tees
Swale
Ure
Nidd
Wharfe
Aire
Calder
Don
Ouse
Trent
Humber
Derwent
Hull
Beverley
Driffield
Flamborough Hd
Scarborough
Whitby
Pickering
Malton
Thirsk
Northallerton
Darlington
Stockton
Durham
Hartlepool
Sunderland
S. Shields
Tynemouth
N. Shields
Morpeth
Alnwick
Holy I.
Berwick
Tweed
Kelso
Jedburgh
Selkirk
Peebles
Edinburgh
Glasgow
Ayr
Dumfries
Annan
Solway Firth
Carlisle
Penrith
Appleby
Kendal
Ulverston
Walney I.
Barrow
Morecambe B.
Fleetwood
Lancaster
Preston
Blackburn
Halifax
Bradford
Leeds
Wakefield
Huddersfield
Ashton
Manchester
Bolton
Wigan
Liverpool
Birkenhead
Mersey
Dee
Warrington
Stockport
Macclesfield
Chesterfield
Sheffield
Doncaster
Gainsborough
Grimsby
Lincoln
Newark
Grantham
Boston
The Wash
Cromer
Wells
Lynn Regis
Norwich
Yarmouth
Lowestoft
Thetford
Wisbeach
Peterborough
Stamford
Oakham
Melton
Nottingham
Derby
Burton
Stafford
Stoke
Chester
Wrexham
Denbigh
Flint
Rhuddlan
Conway
Llandudno
Bangor
Caernarvon
Menai Str.
Holyhead
Beaumaris
Anglesea
Snowdon
Cardigan
Aberystwith
Bardsey I.
Bruichy Pwll
Dolgelly
Barmouth
Montgomery
Welshpool
Oswestry
Shrewsbury
Ludlow
Bridgnorth
Wolverhampton
Lichfield
Tamworth
Birmingham
Dudley
Kidderminster
Worcester
Warwick
Coventry
Northampton
Leicester
Rutland
Cambridge
Bury St Edmunds
Ipswich
Colchester
Harwich
The Naze
Blackwater
Chelmsford
Barnet
Hertford
Aylesbury
Buckingham
Oxford
Abingdon
Reading
Windsor
Thames
Kingston
Greenwich
Woolwich
R. Thames
Sheerness
Margate
Ramsgate
Deal
Canterbury
Chatham
Maidstone
Dover
Folkestone
Calais
Dungeness
Hastings
Beachy Hd
Brighton
Worthing
Selsea Bill
Portsmouth
Southampton
Winchester
Salisbury
Andover
Basingstoke
Guildford
Dorking
Croydon
Lewes
Tunbridge
Ashford
Romney
Hythe
Strait of Dover
Boulogne
Dieppe
I. of Wight
The Needles
St Albans Hd
Portland Bill
Weymouth
Dorchester
Bridport
Lyme
Axminster
Honiton
Exeter
Taunton
Yeovil
Wells
Frome
Bath
Devizes
Marlborough
Newbury
Basingstoke
New Forest
Ringwood
Christchurch
Poole
Wareham
Swanage
Launceston
Padstow B.
Tamar
Devonport
Plymouth
Torquay
Dartmouth
Start Pt
Eddystone
Falmouth
Penzance
Lands End
Lizard Pt
Mounts B.
Truro
Bodmin
Newquay
Hartland Pt
Barnstaple
Bideford
Ilfracombe
Lundy I.
Bridgwater
Minehead
Dunster
Watchet
Porlock
Exmoor
Quantock Hills
Mendip Hills
Cheddar
Weston-super-Mare
Clevedon
Portishead
Severn
Bristol
Kingswood
Chippenham
Calne
Swindon
Cirencester
Tetbury
Stroud
Gloucester
Tewkesbury
Cheltenham
Evesham
Pershore
Droitwich
Bromsgrove
Redditch
Alcester
Stratford
Banbury
Brackley
Buckingham
Aylesbury
Amersham
Uxbridge
Hounslow
Kingston
Richmond
Brentford
Chelsea
Hampstead
Highgate
Islington
Stratford
Barking
Romford
Brentwood
Epping
Hertford
Ware
Hitchin
Baldock
Royston
Saffron Walden
Braintree
Maldon
Southend
Sheerness
Isle of Sheppey
Whitstable
Faversham
Sittingbourne
Rochester
Gravesend
Dartford
Erith
Woolwich
Greenwich
Deptford
Lambeth
Westminster
Kensington
Fulham
Putney
Wimbledon
Kingston
Guildford
Godalming
Haslemere
Petersfield
Midhurst
Arundel
Littlehampton
Worthing
Brighton
Lewes
Eastbourne
Hastings
Rye
Winchelsea
Tenterden
Ashford
Canterbury
Margate
Ramsgate
Deal
Dover
Folkestone
Calais
Boulogne
Dieppe
Longitude West 4 from Greenwich 2 0 Longitude East
JD

SCOTLAND
English Miles
0 10 20 30 40 50
ORKNEY I.S
SHETLAND ISLANDS
C. Wrath
Butt of Lewis
Pentland Firth
Dunnet Hd
Duncansby Head
John o' Groats
Wick
Ord of Caithness
Tarbet Ness
Dornoch Firth
MORAY FIRTH
Inverness
Aberdeen
Peterhead
Buchan Ness
Fraserburgh
Kinnaird Hd
Banff
Portsoy
Cullen
Lossiemouth
Forres
Elgin
Keith
Huntly
Inverury
Stonehaven
Montrose
Arbroath
Bell Rock
Forfar
Perth
Scone
Crieff
Dunkeld
Blairgowrie
Pitlochry
Aviemore
Kingussie
Newtonmore
Fort William
Ben Nevis
Ben Alder
Ben Lawers
Ben More
Ben Cruachan
Oban
Inverary
Loch Awe
Loch Tay
Loch Rannoch
Loch Ericht
Loch Lochy
Loch Arkaig
Loch Morar
Loch Shiel
Loch Katrine
Loch Lomond
Loch Leven
Loch Earn
Loch Voil
Loch Tummel
Loch Garry
Loch Ness
Loch Oich
Loch Laggan
Loch Archaig
Loch Eil
Loch Linnhe
Loch Etive
Loch Fyne
Loch Long
Loch Goil
Loch Striven
Loch Ryan
Loch Doon
Loch Trool
Loch Maree
Loch Broom
Loch Ewe
Loch Torridon
Loch Carron
Loch Alsh
Loch Duich
Loch Hourn
Loch Nevis
Loch Sunart
Loch Leven
Loch Etive

IRELAND.
English Miles
0 10 20 30 40 50
10 9 8 7 6
55 54 53 52
ATLANTIC OCEAN
NORTH CHANNEL
IRISH SEA
ST GEORGES CHANNEL
Islay
Arran
Malin Hd
Sheep Haven
L. Swilly
Tory I.
Bloody Foreland
Arran I.
Gweebarra B.
Rossan Pt.
St Johns Pt.
Donegal Bay
Broadhaven B.
Benwee Hd
Downpatrick Hd
Erris Hd
The Mullet
Blacksod B.
Achil Hd
Achil I.
Clew B.
Clare I.
Innishturk
Innishbofin
Slyne Hd
Galway B.
Arran Is.
Nags Hd
Liscanor B.
Kilkee
Mouth of R. Shannon
Kerry Hd
Mt Brandon
Tralee B.
Dingle Bay
Valentia I.
Ballinskelligs B.
Kenmare R.
Dursey Hd
Bantry B.
Sheep Hd
Mizen Hd
Cape Clear
Galley Hd
Old Hd of Kinsale
Kinsale
Ballycotton
Cork Harbr
Youghal
Dungarvan
Tramore
Waterford Har
Hook Hd
Carnsore Pt
Wexford Haven
Cahore Pt
Arklow
Wicklow
Dublin Bay
Howth
Malahide
Lambay I.
Dunleary
Bray
Dalkey I.
Kingstown
Dunmore Hd
Gr Blasket
Caherciveen
Kenmare
Glengarriff
Bantry
Skibbereen
Clonakilty
Kanturk
Mallow
Fermoy
Blackwater R.
Lismore
Youghal
Cork
R. Lee
Queenstown
Ballycotton
Kinsale
Cork Harbr
Old Hd of Kinsale
Waterford Har
Hook Hd
Tramore
Carnsore Pt
Wexford Haven
Cahore Pt
Arklow
Wicklow
Dublin Bay
Howth
Malahide
Lambay I.
Dunleary
Bray
Dalkey I.
Kingstown
Rathlin I.
Giants Causeway
Bengore Hd
Fair Hd
Red B.
Ballymoney
Glenarm
Larne
Lame
Donaghadee
Belfast L.
Belfast
Newtown Ards
Dundrum Bay
Dundrum
Strangford
Carlingford L.
Dundalk Bay
Dundalk
Drogheda
Boyne R.
Navan
Kells
Blackwater R.
Trim
Mullingar
Lough Ree
Athlone
Shannon R.
Maynooth
Kilcock
Naas
Athy
Carlow
Enniscorthy
New Ross
Wexford
Waterford
Portlaw
Carrick on Suir
Clonmel
Cashel
Callan
Thurles
Kilkenny
Nenagh
Roscrea
Parsonstown
Portumna
Loughrea
Ballinasloe
Athenry
Galway
Tuam
Roscommon
Castlebar
Westport
Clew B.
Ballina
Castleconnor
Sligo
Sligo B.
Knocklane Hd
Killala B.
Killala
Downpatrick Hd
Benwee Hd
Broadhaven B.
Blacksod B.
Achil Hd
Achil I.
Erris Hd
The Mullet
Ballina
Lough Conn
Lough Corrib
Lough Mask
Ballinrobe
Cong
Boyle
Carrick on Shannon
Lough Key
Lough Gara
Lough Allen
Lough Erne
Enniskillen
Lough Melvin
Letterkenny
Lifford
Strabane
Londonderry
Lough Foyle
Coleraine
Newtown Limavady
Ballymoney
Ballymena
Antrim
Lough Neagh
Belfast
Lisburn
Lurgan
Banbridge
Newry
Warrenpoint
Rosstrevor
Omagh
Dungannon
Armagh
Monaghan
Clones
Cavan
Carrickmacross
Longford
Granard
Kells
Navan
Drogheda
Balbriggan
Swords
Lusk
Malahide
Howth
Dublin

ASIA
English Miles
0 800 400 600 800 2000
Longitude East 90 from Greenwich
Gill's School Series.
AMERICA
Behring St.
ARCTIC OCEAN
C. Severo or N.E. Cape
New Siberia
East Cape
Tschuktchee
BEHRING SEA
Aleutian Isles
Nova Zembla
Kara Sea
The Tundra
Kolimsk
Kamschatka
Petropaulovsk
C. Lopatka
Aldan Mts
Arctic Circle
Yenisei R.
Lena R.
Yakutsk
Okhotsk
Sea of Okhotsk
Saghalien
Kurile Is.
Yesso
EUROPE
RUSSIA
St. Petersburg
Ural Mountains
Obi R.
Tobolsk
Tomsk
Omsk
Irtish R.
Siberian Steppes
Kirghis Steppes
Semipolatinsk
Baikal L.
Mount Baikal
Jablonoi Mts
Angara R.
Sangari R.
Mediterranean Sea
Constantinople
Black Sea
Sinope
Batoum
Caucasus Mts
Elburz Mts
Caspian Sea
Russian Steppes
Asia Minor
Armenia
Cyprus
Aral Sea
L. Balkash
Syr Darya
Khiva
Bokhara
Turkestan
Karakorum
Mongolia
Desert of Gobi or Shamo
Khingan Mts
Manchooria
Sea of Japan
Niphon
Yeddo (Tokio)
Hakodadi
Yokohama
Kuenlun Mts
Thian Shan Mts
In Shan Mts
CHINESE EMPIRE
Yellow Sea
Shangai
Nankin
Chusan
East Sea
Loo Choo Is.
Bonin Is.
Marshall Is.
Tropic of Cancer
Caucasus
Tiflis
Erivan
Ararat
Kars
Trebizond
Cyprus
Jerusalem
Cairo
Suez
Nile R.
Red Sea
Persian Gulf
Bassora
Euphrates R.
Tigris R.
Bagdad
Mosul
Nineveh
Palmyra
Aleppo
Damascus
Tripoli
Beyrout
Mediterranean Sea
Persian Desert
Teheran
Elburz Mts
Salt Desert
Herat
Ispahan
Shiraz
Persepolis
Bushire
PERSIA
Hindoo Koosh
Cabool
Candahar
AFGHANISTAN
Khelat
BELOOCHISTAN
Lob Nor
Yarkand
Khotan
Yarkand R.
Kin-cha Kiang
R. Hoang-ho
Ning-po
Yang-tse-Kiang
Foo-chow
Tropic of Cancer
Tibet
Mt. Everest
Punjab
Lahore
Delhi
Simla
Cawnpore
Allahabad
Ganges R.
Patna
Calcutta
Burmah
Mandalay
INDIA
Nan Ling Mts
Amoy
Formosa
Canton
Chi Kiang
Hong Kong
Ladrone Is.
Caroline Is.
Luzon
Philippine Islands
Haiman
Gulf of Tonquin
Tonquin
Hue
Cochin China
Mekong R.
Menam R.
Siam
Bangkok
Saigon
Cambodia
Palawan
Mindanao
Pelew Is.
Sooloo Archo.
Celebes S.
Gilolo
Laburan
Brunei
Borneo
Papua or New Guinea
Celebes
Banda S.
Timor Laut
Torres Str.
Java Sea
Flores S.
Java
Timor
AUSTRALIA
Sumatra
Bencoolen
Malay Pen.
Malacca
Singapore
Straits of Malacca
Acheen
Nicobar Is.
Andaman Is.
Madras
Ceylon
Colombo
Point de Galle
Maldive Is.
Comorin C.
Laccadive Is.
Arabian Sea
Bombay
Goa
Western Ghauts
Eastern Ghauts
Godavery R.
Kistna R.
Bay of Bengal
C. Negrais
Rangoon
Irrawaddy R.
Gulf of Martaban
Gulf of Siam
Gulf of Cambay
Gulf of Oman
Ras al Had
Muscat
Hadramaut
Mocha
Aden
Gulf of Aden
Socotra
Perim I.
Bab el Mandeb
Red Sea
Yemen
Medina
Mecca
Nejd
Desert
Arabia
Equator
INDIAN OCEAN
PACIFIC OCEAN

INDIA.
English Miles
0 50 100 200 300
Railways shown thus
Hindoo Koosh Mts
Karakoram Range
Cabul
R. Cabul
R. Indus
CASHMERE
Jelalabad
Khyber Pass
Peshawur
Ghuznee
Attock
Cashmere
L.
Pangong L.
TIBET
Chillianwallah
Jhelum
Jamoo
PUNJAB
Lahore
Amritsir
R. Ravee
R. Sutlej
Ferozepore
Loodiana
Simla
Sobraon
Alwal
Moodkee
Manasarowar
Mooltan
Hurdwar
Dhawalagiri Mts
Kelat
Jacobabad
Rahawulpoor
Meerut
Delhi
Bareilly
Mount Everest
Kunchinjunga
Shikarpur
Beekaneer
Great Desert
Bhyrpoor
Rajpootana
Agra
Lucknow
Oude
Cawnpore
Jeypoor
Jhodpore
Ajmeer
Gwalior
Allahabad
Benares
Behar
Ramahal
Darjeeling
BHOTAN
Cooch Behar
Brahmapoottra R.
Goalpara
ASSAM
Hyderabad
Meeanee
Kurrachee
Jeysulmere
Bundelcund
Rewah
Moorshedabad
Plussy
Silhet
Dacca
Tippe rah
Malwa
Bhopal
Chota Nagpoor
Burdwan
Chandernagore
CALCUTTA
Midnapoor
Serampoor
Bhooj
Cutch
G. of Cutch
Guzerat
Indore
Vindhya Mts
Baroda
Jubbulpoor
Mouths of the Ganges
Poorbunder
Kattiwar Pena.
R. Taptee
Nerbudda R.
Central
Provinces
Sumbulpoor
Sonepoor
R. Mahanuddy
Cuttack
Diu I.
Surat
Nagpoor
Damaun
Elora
Assaye
Aurungabad
Bassein
Bustar
Juggernaut
Pooree
Ganjam
BOMBAY
Nizams
Dominions
Beder
Golconda
Scunderabad
Hyderabad
Cabinjopatam
Vizagapatam
Poonah
Bankote
Rutnagherry
Rajepoor
Goa
Panjim
Hurnoot
Bellary
L. Colair
Coringa
R. Godavery
Masulipatam
R. Kistna
BAY OF BENGAL
Onore
Nuggur
Mysore
Bangalore
MADRAS
Mangalore
Seringapatam
Laccadive Islands
Cananore
Mahe
Neilgherry Hills
Pondichery (French)
Tranquebar
Caricul
Calicut
Trichinopoly
Negapatam
Tanjore
Pt Calimere
Cochin
Madura
Pt Pedro
Quilon
Tuticorin
Adams Bridge
Trincomalee
Trivanderam
C. Comorin
GULF OF MANAAR
CEYLON
Kandy
Batticaloa
Maldive Islands
Colombo
Adams Pk
Galle
Dondra Hd
Point de Galle
ARABIAN SEA
INDIAN OCEAN
J.D.
Gills School Series

Gill's School Series.

NORTH AMERICA
English Miles
0 100 200 300 400 500 1000
120 110 Longitude West 100 90 80
70
60
50
40
30
20
10
ARCTIC OCEAN
PACIFIC OCEAN
ATLANTIC OCEAN
Arctic Circle
Tropic of Cancer
Parry Is.
Grant Ld.
Grinnell Ld.
Ellesmere Ld.
Greenland
Baffin Land
Baffin Bay
Hudson Bay
Davis Str.
Hudson Str.
Frobisher Str.
Banks Land
Victoria Ld.
Melville Peninsula
Boothia Felix
Alaska
Yukon R.
Mackenzie R.
Great Bear L.
Great Slave L.
Athabasca L.
Peace R.
Wollaston L.
Churchill R.
Saskatchewan R.
Winnipeg L.
Manitoba
Dominion of Canada
North West Territory
Labrador
Newfoundland
St. John's
Vancouver I.
Queen Charlotte I.
New Archangel
Prince of Wales I.
Behring Str.
Behring R.
Mt. St. Elias
Mt. Fairweather
Mt. Brown
Mt. Hooker
Mt. Olympus
Columbia R.
Fraser R.
Sacramento R.
San Francisco
Monterey
Pt. Conception
San Diego
Great Basin
Great Salt L.
Rocky Mountains
Black Hills
Missouri R.
Yellowstone R.
Platte R.
Arkansas R.
Red R.
Canadian R.
Rio Grande
Gila R.
Colorado R.
Great California Valley
Mount Coast Range
Cedros I.
C. St. Lucas
Revillagigedo I.
Gulf of California
Gulf of Mexico
Texas
New Orleans
Galveston
Matamoras
Tampico
Mexico
Acapulco
Gulf of Tehuantepec
Yucatan
Gulf of Campeachy
Honduras
Guatemala
Nicaragua
Costa Rica
Panama
Isthmus of Panama
Chagres R.
Aspinwall
Darien
Bay of Panama
Gulf of Darien
Cape Horn
S. America
Cuba
Havana
Jamaica
Kingston
Caribbean Sea
Gulf of Florida
Florida
Bahama Is.
Bermuda Is.
Hayti
St. Domingo
Cape Hatteras
Chesapeake B.
Delaware B.
Boston
Cape Cod
Long I.
Portland
Halifax
Cape Sable
Cape Breton
Sable I.
Quebec
Montreal
Ottawa
Toronto
Lake Ontario
Lake Erie
Lake Huron
Lake Michigan
Lake Superior
Lake Winnipeg
Lake of the Woods
Red River
Milwaukee
Detroit
Chicago
Pittsburg
Cincinnati
Louisville
St. Louis
Kansas
Omaha
Denver
Springfield
Indianapolis
Columbus
Richmond
Raleigh
Wilmington
Charleston
Savannah
Augusta
Montgomery
Mobile
Vicksburg
New Orleans
St. Augustine
Pensacola
Galveston
Matamoras
Tampico
Mexico
Acapulco
Yucatan
Honduras
Guatemala
Nicaragua
Costa Rica
Panama
Aspinwall
Chagres R.
Darien
Cape Horn
Cuba
Havana
Jamaica
Kingston
Hayti
St. Domingo
Bahama Is.
Bermuda Is.
Florida

THE DOMINION OF
CANADA.
English Miles
0 100 200 300 400 500
Railways shown thus
Unfinished Railways
DOMINION OF CANADA
HUDSON BAY
NORTH WEST TERRITORY
BRITISH COLUMBIA
MANITOBA
ONTARIO
QUEBEC
NEWFOUNDLAND
LABRADOR
ALASKA
United States Territory
UNITED STATES
PACIFIC OCEAN
NORTH ATLANTIC OCEAN
ATLANTIC OCEAN
Longitude West from Greenwich
JD.
Gills School Series

UNITED STATES.
English Miles
0 100 200 300 400 500
Railways thus
GULF OF MEXICO
ATLANTIC OCEAN
PACIFIC OCEAN
CANADA
Dominion of
Manitoba
Ontario
Quebec
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Wisconsin
Minnesota
Dakota
Nebraska
Iowa
Illinois
Indiana
Ohio
Kentucky
Tennessee
Missouri
Kansas
Colorado
Wyoming
Montana
Utah
Nevada
Arizona
New Mexico
Texas
Arkansas
Louisiana
Mississippi
Alabama
Georgia
South Carolina
North Carolina
Virginia
Pennsylvania
New York
Maine
Florida
Mexico
Cuba
Jamaica
Bahama Islands (B)
Havanna
Florida Reefs
Vera Cruz
Manzanilla
Mazatlan
Matamoras
Corpus Christi
Galveston
Mouths of the R. Mississippi
New Orleans
Mobile
Savannah
Charleston
Washington
Baltimore
Philadelphia
New York
Boston
Portland
Quebec
Montreal
Ottawa
Toronto
Detroit
Chicago
Milwaukee
St Paul
Omaha
Denver
Santa Fe
Albuquerque
San Francisco
Sacramento
Monterey
Los Angeles
San Diego
Portland
Astoria
Olympia
Vancouver I.
Juan de Fuca Str.
Fort Union
Fort Benton
Fort Stanton
Fort Washita
Fort Smith
Fort Riley
Fort Leavenworth
Fort Laramie
Fort Bridger
Fort Hall
Fort Boise
Fort Walla Walla
Fort Colville
Fort Vancouver
Fort Yuma
Fort Inge
Fort Brown
Fort Gibson
Fort Snelling
Fort Pembina
Fort Garry
Fort Wm
Fort Pontchartrain
Fort Erie
Fort Niagara
Fort Ontario
Fort Edward
Fort Ticonderoga
Fort Crown Point
Fort Dearborn
Fort Howard
Fort Winnebago
Fort Madison
Fort Des Moines
Fort Leavenworth
Fort Scott
Fort Gibson
Fort Towson
Fort Jesup
Fort Adams
Fort Mifflin
Fort Delaware
Fort Monroe
Fort Moultrie
Fort Pulaski
Fort Marion
Fort Brooke
Fort Mitchell
Fort Jackson
Fort Pickens
Fort Barrancas
Fort Morgan
Fort Gaines
Fort Macon
Fort Caswell
Fort Johnston
Fort Hamilton
Fort Columbus
Fort Trumbull
Fort Independence
Fort Warren
Fort Preble
Fort Sullivan
Fort Fairfield
Fort Kent
Fort Knox
Fort Sumter
Fort Hill
Fort Wayne
Fort Dearborn
Fort Howard
Fort Winnebago
Fort Madison
Fort Des Moines
Fort Leavenworth
Fort Scott
Fort Gibson
Fort Towson
Fort Jesup
Fort Adams
Fort Mifflin
Fort Delaware
Fort Monroe
Fort Moultrie
Fort Pulaski
Fort Marion
Fort Brooke
Fort Mitchell
Fort Jackson
Fort Pickens
Fort Barrancas
Fort Morgan
Fort Gaines
Fort Macon
Fort Caswell
Fort Johnston
Fort Hamilton
Fort Columbus
Fort Trumbull
Fort Independence
Fort Warren
Fort Preble
Fort Sullivan
Fort Fairfield
Fort Kent
Fort Knox
Fort Sumter
Fort Hill
Fort Wayne

SOUTH AMERICA.
English Miles
0 100 200 300 400 500
Longitude 70 West 60 from Greenwich 50
CARIBBEAN SEA
WEST INDIA ISLANDS
Dominica
Martinique
Barbadoes
Trinidad
Margarita
Caracas
Guiana
Orinoco R.
Angostura
Georgetown & R. Demerara
New Amsterdam & R. Berbice
Paramaribo & Surinam R.
Cayenne
C. Orange
Mouth of the Amazon or Maranon
Equator
Panama
Gulf of Panama
Gulf of Darien
Porto Bello
Chagres
Cartagena
R. Magdalena
Maracaybo
Gulf of Venezuela
Guajira
Choco
Quito
Guayaquil
Gulf of Guayaquil
C. Parina
Zorros I.
Truxillo
Callao
Lima
Chincha Is.
Pisco Bay
Arequipa
Arica
Iquique
Cobija
Tropic of Capricorn
Copiapo
Coquimbo
Valparaiso
Juan Fernandez
Concepcion
Valdivia
Chiloe I.
Chonos Archo.
Wellington I.
St. of Magellan
Desolation I.
C. Forward
Tierra del Fuego
Staten I.
Cape Horn
Falkland Isles (British)
Georgia I.
Gulf of St. George
Port Desire
Port St. Julien
Gulf of S. Matias
Penna of S. Josef
Bahia Blanca
Buenos Ayres
Rio de la Plata
Monte Video
Uruguay or Banda Oriental
Rio Grande de S. Pedro
Porto Alegre
L. Patos
S. Catharina I.
Th. of Desterro
S. Francisco I.
Santos
Rio de Janeiro
C. Frio
Victoria
Ouro
Diamantina
Porto Seguro
All Saints B.
Bahia
Sergipe del Rey
Pernambuco
C. Branco
C. S. Roque
Paranahyba
Maranhao & R.
Para
Santarem
Ahyuos
Cayenne
Barima R.
Rio Negro
R. Japura
R. Amazons
R. Madeira
R. Topayos
R. Xingu
R. Araguay
R. Tocantins
R. Purus
R. Ucayali
R. Marannon
R. Javari
Falls of the Amazons
Olivenza
Tabatinga
Ega
Loreto
Mouth of the Amazons
Mts. of the Moon
Mts. of Parime
Mts. of Sincapoco
Mts. of Tapajos
Mts. of Acary
Mts. of Pacaraymo
Mts. of Tumucumaque
Mts. of Caripi
Mts. of Espinhaco
Mts. of Vertentes
Mts. of Maracaju
Mts. of Cordillera
Mts. of Andes
Mts. of Cordova
Mts. of Rosario
Mts. of Tandil
Mts. of Sierra de Mar
Mts. of Sierra de Espinacho
Mts. of Sierra de Mato Grosso
Mts. of Sierra de Paraguay
Mts. of Sierra de Parana
Mts. of Sierra de Uruguay
Mts. of Sierra de Maldonado
Mts. of Sierra de Ventana
Mts. of Sierra de Tapalguen
Mts. of Sierra de Volcan
Mts. of Sierra de Cordillera
Mts. of Sierra de Andes
Mts. of Sierra de Cordova
Mts. of Sierra de Rosario
Mts. of Sierra de

Gall. School Series

AUSTRALIA.
English Miles
0 100 200 300 400 600
110 115 120 125 130 Longitude 135 East 140 145 150 155
PAPUA OR NEW GUINEA
British Protectorate
TORRES STR.
TIMOR SEA
CORAL SEA
INDIAN OCEAN
SOUTH PACIFIC OCEAN
Great Barrier Reef
Gulf of Carpentaria
NORTHERN TERRITORY
ALEXANDRA LAND
QUEENSLAND
WESTERN AUSTRALIA
SOUTH AUSTRALIA
NEW SOUTH WALES
VICTORIA
Great Australian Bight
BASS STRAIT
Tropic of Capricorn
Timor
Rotti
Coburg Penins.
Melville I.
Bathurst I.
Port Darwin
Palmerston
Port Essington
Goulburn I.
Van Diemen
Arnhem B.
C. Arnhem
Caledon B.
Wessel I.
Groote Eylandt
Limmen Bight
Sir E. Pellew Is.
Wellesley I.
Cambridge G.
Queens Chan.
C. Londonderry
Admiralty G.
York Sd.
Buccaneer Arch.
Cockburn Ra.
Sturt's Stony Desert
Victoria R.
Roper R.
Endeavour Str.
C. York
Somerset
Shelburne B.
Duyfhen P.
Cape Direction
Princess Charlotte B.
C. Melville
Peninsula
Peter Botte
C. Flattery
Cooktown
Woodlark I.
Rossel I.
Louisiade Arch.
Huon G.
Mt. Warburton
Ashburton Ra.
Woods L.
Hawker Ra.
Hayward Cr.
Mc Douall Range
Mc Kinlay Ra.
Central Mt. Stuart
Reynold Ra.
Mt. Stanley
Mt. Leichardt
Mc Donnell Range
Alice Springs
Mt. Russell
Mt. Macpherson
Waterloo Wells
Sandy Desert
Warburton 1873
Joanne Spr.
Sand Hills
Mc Muller
Lagrange B.
Roebuck B.
Fitzroy R.
King Sd.
C. Leveque
Cottier R.
Buccaneer Arch.
Cockburn
Sturt's Stony Desert
Barrow I.
Lacepede Is.
Exmouth Gulf
North W. Cape
Pt. Cloates
Farquhar C.
Geographe Chan.
Dorre I.
Dirk Hartog I.
Freycinet Harb.
Shark B.
Hamelin Harb.
Mt. Gould
Mt. Murchison
Wooramel R.
Gascoyne R.
Ashburton R.
Barlee Range
Mt. Bruce
Hardey R.
Fortescue R.
Mt. Labouchere
Weld Spring
Wanden Spr.
L. Augusta
Alfred Ra.
Amadeus L.
Petermann Ra.
Pt. Mueller
Mc Connel Ra.
Charlotte Well Sta.
Finke R.
Todd R.
Macumba R.
Alberga R.
Musgrave Ra.
Everard Ra.
Denison Ra.
Mt. Olga
Ayers Rock
Mt. Conner
Deering Hills
Warburton R.
Cooper Cr. (Barcoo)
Diamantina R.
Thomson R.
Barcoo R.
Blackall
Springsure
Clermont
Rockhampton
Fitzroy R.
Port Curtis
Gladstone
Maryborough
Gt. Sandy I.
Hervey B.
Sandy C.
Broad Sound
Pt. Bowen
Repulse B.
Mackay
Port Denison
Halifax B.
Rockingham B.
Cardwell
Hinchinbrook I.
Dalrymple
Townsville
Bowen Downs
Richmond Downs
Blomsbury
Normanton
Burketown
Gilbert R.
Norman R.
Leichhardt R.
Albert R.
Lynd R.
Cairns
Trinity B.
C. Grafton
Gov.t Farquhar Is.
Mitchell R.
Van Diemen R.
Orlando
Hann
Mc Kinlay R.
Barkly
Wave Hill
Victoria R.
Roper R.
Limmen Bight
Sir E. Pellew Is.
Wellesley I.
Arthur R.
Albert R.
Gregory R.
Nicholson R.
Flinders R.
Leichhardt R.
Georgina R.
Thomson R.
Barcoo R.
Cooper Cr. (Barcoo)
Warburton R.
Neales R.
Peake
Denison Ra.
Stuart Ra.
Peterborough
Gregory L.
Gray
Blanche Ra.
Strzelecki Cr.
Yarrie L.
Frome
Stanley
Torrens
Eyre
Gairdner
Flinders Ra.
Mt. Finke
Mt. Serle
Mt. Lofty Ra.
Port Augusta
Spencer Gulf
Hummocks
Hawker
Bowen
Boulia
Diamantina R.
Georgina R.
Eyre Cr.
Herrick
Winton
Torrens R.
Darling R.
Paroo R.
Warrego R.
Bulloo R.
Nocoleche
Norley
Wyandra
Roma
Mitchell
Condamine R.
Balonne R.
Maranoa R.
Warrego R.
Paroo R.
Darling R.
Bourke
Wanaaring
Wilcannia
Menindee
Darling R.
Lachlan R.
Murrumbidgee R.
Murray R.
Wagga Wagga
Albury
Echuca
Swan Hill
Mildura
Hooringa
Burra Burra Mines
NW Bend
Wallaroo
Kapunda
Balaranald
Pt. Lincoln
Pt. Culver
Pt. Eucla
Fowlers Bay
Nuyts Arch.
Anxious B.
Streaky B.
Ceduna
Adieu C.
Hampton Ra.
Ouldabinna
Boundary Dam
L. Cary (Salt)
L. Barlee
L. Deborah
L. Lefroy
L. Roe
Qn. Victoria Spr.
L. Cowan
L. Cow Cowing
Salt L. Russell
Hall's Creek
Toodyay
York
Bora Tukin
Perth
Fremantle
Swan R.
Peel
Williamsburg
Ravensworth
Blackwood R.
Bunbury
Kanunup
Hills
Geographe B.
C. Naturaliste
C. Leeuwin
Augusta
Flinders R.
Pt. D'Entrecasteaux
Albany
King George Sd.
Recherche Arch.
C. Arid
Currenup
Mt. Peron
Breton B.
Moore R.
Arrowsmith R.
Hautman Abrolhos
Geraldton
Irwin R.
Greenough R.
Murchison R.
Gascoyne R.
Ashburton R.
Barlee Range
Mt. Horner
L. Moore
L. Churchman
Mt. Robinson
Salt Marshes
Salt
L. Austin
Sept. Dine Mine
Pallarenda
Geelvink Chan.
Dirk Hartog I.
Freycinet Harb.
Shark B.
Hamelin Harb.
Dorre I.
Geographe Chan.
Mt. Labouchere
Weld Spring
Wanden Spr.
L. Augusta
Mt. Gould
Mt. Murchison
Wooramel R.
Gascoyne R.
Ashburton R.
Barlee Range
Mt. Bruce
Hardey R.
Fortescue R.
Exmouth Gulf
Barrow I.
Lacepede Is.
C. Lockyer
C. Cuvier
Pt. Cloates
Farquhar C.
North W. Cape
Pt. Larry
Thouin
Derby
Roebuck B.
Lagrange B.
Sand Hills
Joanne Spr.
Sandy Desert
Warburton 1873
Mt. Macpherson
Mt. Russell
Mt. Stanley
Mt. Leichardt
Mc Donnell Range
Alice Springs
Waterloo Wells
Mt. Warburton
Ashburton Ra.
Woods L.
Hawker Ra.
Hayward Cr.
Mc Douall Range
Mc Kinlay Ra.
Central Mt. Stuart
Reynold Ra.
Tenny R.
Harts Range
Mc Kinlay R.
Barkly
Wave Hill
Victoria R.
Roper R.
Limmen Bight
Sir E. Pellew Is.
Wellesley I.
Arthur R.
Albert R.
Gregory R.
Nicholson R.
Flinders R.
Leichhardt R.
Georgina R.
Thomson R.
Barcoo R.
Cooper Cr. (Barcoo)
Warburton R.
Neales R.
The

ATLANTIC OCEAN

Gulls School Series

INDIAN OCEAN

Gill's School Series

ARCTIC OCEAN

Gall's School Series

EXPLANATION
Line of 100 Fathoms
Deep Sea Soundings 1305
Sub marine Telegraph Cables
Steam Routes & Distances
EUROPE
AUSTRIA
Vienna
Hungary
RUSSIA
Odessa
SEA OF AZOF
Crimea
Sea of Kertch
Sebastopol
BLACK SEA
Sinope
Bosphorus
Constantinople
Roumania
Servia
Bulgaria
R. Danube
R. Pruth
R. Save
Trieste
Venice
Gulf of Venice
Dalmatia
ADRIATIC SEA
Albania
Monte Negro
TURKEY
TURKEY IN Asia Minor
ASIA
FRANCE
R. Rhone
Genoa
Marseilles
Gulf of Genoa
Toulon
Gulf of Lions
Pyrenees
R. Ebro
Barcelona
SPAIN
Leghorn
Ancona
Rome
Naples
Brindisi
Corsica
Ajaccio
Strait of Bonifacio
Sardinia
Balearic Is
Majorca
Minorca
Valencia
Cartagena
TYRRHENIAN SEA
MEDITERRANEAN
Gibraltar to Malta 972 Miles
Strait of Gibraltar
Gibraltar
Ceuta
de Gata
Tangier
Morocco
Algiers
Oran
Constantine
Bona
Tunis
Cape Bon
Sicily
Palermo
Messina
C. Teulada
C. Spartivento
Lipari Is.
C. Passaro
Malta
Gozo
IONIAN SEA
Ionian Is.
GREECE
Athens
Navarino
Piraeus
C. S. Angelo
Cerigo
ARCHIPELAGO
Smyrna
Adalia
Candia
Crete
Rhodes
Cyprus
Larnaca
Limasol
Alexandria to Brindisi 835 Miles
Malta to Alexandria 820 Miles
Suez 1020 Miles
340 Miles
LEVANTINE SEA
Port Said
Palestine
Syria
Alexandria
Cairo
Suez
Suez Canal
EGYPT
R. Nile
RED SEA
Barca
Bengazi
GULF OF SIDRA
Tripoli
TRIPOLI
AFRICA
Ghadames
El Areg
Wargla
Sand Downs
Shott el Kebir
G. of Gabes
Kairwan
Medina R.
Salt Lagoons
ALGERIA
THE BASIN OF
THE MEDITERRANEAN.
English Miles
0 50 100 200 300
0 Longitude East from Greenwich 10 20 30
Gills School Series

THE TRENT BASIN Area 3972 Sq.Ms.

THE OUSE BASIN Area 4207 Sq.Ms.

THE THAMES BASIN Area 5162 Sq.Ms.

THE SEVERN BASIN Area 4437 Sq.Ms.

BASIN OF THE RIVER CLYDE. Area 1500 Sq Miles.-Length 98 Miles

BASIN OF THE SHANNON Area 6050 Sq ms Length 220 ms